Infoblox

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October 15, 2008

Mr. Frank P. Troy
Contractor, Joint Interoperability Test Command

Dear Mr. Troy:

Infoblox is submitting the Infoblox 550 DNSOne with Grid product based on our NIOS version 4.3r2 operating system for JITC IPv6 certification.

This Letter of Compliance asserts that to the best of our knowledge the Infoblox DNSOne product and NIOS meets the standards associated with the profile of a "Simple Server" as defined in the DoD IPv6 Standard Profiles For IPv6 Capable Products, Version 2.0 (1 August 2007). The Infoblox DNSOne with Grid and NIOS operating system product is believed to be compliant with all required RFCs for this classification as defined in Appendix F of the Department of Defense Internet Protocol Version 6 Generic Test Plan, Version 3.

Infoblox is formally requesting JITC to reserve IPv6 compliance testing laboratory time at the earliest possible date.

Description of the DNSOne with Grid product

The DNSOne with Grid product uses one or more distributed DNS server appliances in a clustered architecture to provide a single management interface and data replication across all remote nodes called a "Grid". The Infoblox Grid uses encrypted tunnels for communication between the central management node – called a Grid Master – and the remote nodes. Users access the grid configuration for DNS and the grid using the Infoblox Grid Manager.

It must be noted that Infoblox provides six different hardware platforms all of which run the same version of the Infoblox NIOS operating system software described below. The following devices fully support the same IPv6 features:

Infoblox-2000
Infoblox-1552
Infoblox-1550
Infoblox-1050
Infoblox- 550
Infoblox- 250

Infoblox is submitting the IB 1550 platform for JITC certification, but we request JITC to certify the entire family of platforms and not just the model submitted to JITC for testing. These platforms are all based on the Intel Personal Computer reference implementation. All including the following features:

- Intel or compatible CPU
- ECC RAM
- Four Gigabit Ethernet ports based on the same chipset and PHY
- Hard disk drive
- Run the identical version of the NIOS operating system

The Infoblox appliance has four physical Ethernet ports. For the purposes of the certification, the Infoblox device will be configured to support combined IPv4 and IPv6 on the HA and LAN1 ports and not on the MGMT and LAN2 ports. The MGMT and LAN2 ports will be disabled.

Software version
Infoblox NIOS version 4.3r1 or 4.3r2 (the version will depend on the testing date. Infoblox plans to use the most current version.)

Compliant standards

- IPv6 Base
  - RFC 2460 Internet Protocol v6 (IPv6) Specification
  - RFC 2461 Neighbor Discovery for IPv6
  - RFC 2462 IPv6 Stateless Address Auto-configuration
  - RFC 2462 IPv6 Stateless Address Auto-configuration (Section 5.5 only)
  - RFC 4007 IPv6 Scoped Address Architecture
  - RFC 4193 Unique Local IPv6 Unicast Addresses
  - RFC 4291 IP Version 6 Addressing Architecture
  - RFC 4443 Internet Control Message Protocol (ICMPv6)
  - RFC 2710 Multicast Listener Discovery (MLD) for IPv6

- Networking Support:
  - RFC 2464 Transmission of IPv6 Packets over Ethernet Networks

- Optional Advanced Server Support:
  - RFC 3986 Uniform Resource Identifier (URI): Generic Syntax
  - RFC 3596 DNS Extensions to Support IPv6 (Hosts must be capable of using IPv6 DNS)

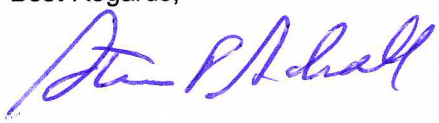
Non-compliant standards

- RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers.
  - Infoblox supports dual stack mode and can pass the following test procedure in c3.18 "The device will initialize on a network and be able to independently process IPv4 and IPv6 DNS datagrams".
  - Infoblox does not support the second test scenario in c3.18 where "The device will have the capability for the operator to manually configure tunnels and successfully pass end-to-end traffic."

If you have any questions or if my assistance would be helpful, please feel free to call me on my mobile at 831-419-8020.

Thank you,

Best Regards,



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